

in phase usable signals from a utility zone of unequal phased signals from other areas. The transducers are mounted on a symmetrically arranged frame with a concave cylindrical surface, oriented to the working zone and divided into groups. The signals of individual transducers are, after matching recording levels, initially fed group-wise to integration devices, then passed through a frequency selective filter, after which the filtered signals of different groups are summated. In this way high frequency signals are extracted from the transducers arranged close to the center of the frame, whilst medium and low frequency signals are extracted from transducers arranged further from the center of the frame.

Further, a device for acoustically locating a speaker is described in WO 94 26075. Here numerous microphones are arranged within a predetermined distance from one another and their signal transmission times are evaluated and compared. The device can be pointed towards the speaker by way of a motor.—

IN THE CLAIMS:

Cancel claim 1 and insert claim 16 as follows: --

16. A sound recording device, in particular for a public address system, in which a sound is emitted from a sound source and recorded by at least two sound recorders (2) and